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TI Flameproofed foam materials on basis of styrene polymers

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SO Ger. Offen., 4 pp.

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DT Patent

LA German

IC ICM C08J009-00

ICS C08L025-06; C08L061-06; C08K003-04; C08J009-14; B29C044-44

CC 38-3 (Plastics Fabrication and Uses)

Section cross-reference(s): 37

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19910257	A1	20000921	DE 1999-19910257	19990308 <--
PRAI	DE 1999-19910257		19990308		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
DE 19910257	ICM	C08J009-00
	ICS	C08L025-06; C08L061-06; C08K003-04; C08J009-14; B29C044-44
	IPCI	C08J0009-00 [ICM,7]; C08L0025-06 [ICS,7]; C08L0025-00 [ICS,7,C*]; C08L0061-06 [ICS,7]; C08L0061-00 [ICS,7,C*]; C08K0003-04 [ICS,7]; C08K0003-00 [ICS,7,C*]; C08J0009-14 [ICS,7]; B29C0044-44 [ICS,7]; B29C0044-34 [ICS,7,C*]
	IPCR	B29C0044-34 [I,C*]; B29C0044-44 [I,A]; C08J0009-00 [I,C*]; C08J0009-00 [I,A]; C08L0025-00 [I,C*]; C08L0025-06 [I,A]; C08L0061-00 [I,C*]; C08L0061-06 [I,A]
	ECLA	B29C044/44; C08J009/00L25+L61/06; C08J009/00L61+L25/06; C08J009/00M+L25/06; C08L025/06+B4; C08L061/06+BA2

AB Flameproofed foams, useful in sandwich laminates, are manufactured from compns. containing polystyrene 10-90, phenolic resin 10-90, and expanded graphite 5-50%.

ST polystyrene phenolic resin expanded graphite fireproof foam

IT Phenolic resins, uses

RL: POF (Polymer in formulation); USES (Uses)

(Phenolbil; flameproofed foam materials on basis of styrene polymers and containing phenolic resins and expanded graphite)

IT Fire-resistant materials

(flameproofed foam materials on basis of styrene polymers and containing phenolic resins and expanded graphite)

IT Plastic foams

RL: PEP (Physical, engineering or chemical process); PROC (Process)

(flameproofed foam materials on basis of styrene polymers and containing phenolic resins and expanded graphite)

IT Phenolic resins, uses

RL: POF (Polymer in formulation); USES (Uses)

(flameproofed foam materials on basis of styrene polymers and containing phenolic resins and expanded graphite)

IT 9003-35-4, Formaldehyde-phenol copolymer

RL: POF (Polymer in formulation); USES (Uses)

(Phenolbil; flameproofed foam materials on basis of styrene polymers and containing phenolic resins and expanded graphite)

IT 7782-42-5, Graphite, uses

RL: MOA (Modifier or additive use); USES (Uses)

(expanded; flameproofed foam materials on basis of styrene polymers and containing phenolic resins and expanded graphite)

IT 9003-53-6, Polystyrene

RL: POF (Polymer in formulation); USES (Uses)

(flameproofed foam materials on basis of styrene polymers and containing phenolic resins and expanded graphite)

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

(1) Anon; US 5650448 CAPLUS

(2) Anon; US 5719199 CAPLUS

(3) Anon; US 5721281 CAPLUS

(4) Anon; DE AS1090853

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